

SYSTEM AND METHOD FOR THE ALLOCATION OF GRID COMPUTING WORKLOAD TO NETWORK WORKSTATIONS

Abstract of Disclosure

In a network of workstations implementing a grid for sharing workstation resources while maintaining local workstation workloads, grid workloads are assigned to workstations depending on how busy they are with the local workload. CPU utilization is monitored at each workstation and grid workload is only accepted if it can be handled without impacting the interactive performance of the workstation and in alignment with the workstation user's preferences. Also, grid workloads may be categorized by the extent to which they tie up workstation resources and this categorization used as further input to the grid workload assignment process.

Figures